

WHAT IS CLAIMED IS:

1. An auxiliary folding device for a treadmill adapted to be mounted between a main frame and a platform, the main frame including a first post and a second post opposite to each other, a first
5 connecting rod connecting the first post and the second post, a first pivot seat centrally extending from the first connecting rod and a rack upwardly extends from the main frame opposite to the first connecting rod, the platform pivotally connected to the main frame between the first post and the second post, the platform including a second
10 connecting rod transversely secured on a bottom of the platform, and a second pivot seat extending from the second connecting rod and corresponding to the first pivot seat, the auxiliary folding device comprising:

a first post adapted to be pivotally connected to the first
15 pivot seat, a second post received in the first post;

a spreading post movably received in the first post between the first post and the second post, the spreading post being capable to longitudinally extend from the first post, the second post having a spreading rod movably received therein, the spreading rod being
20 capable to longitudinally extend from the second post and the spreading post moved with the spreading rod;

a locking device mounted on an outer periphery of the first post to hold the spreading post and the spreading rod in place after spreading;

the first post having a first pivot hole defined in a first end of the first post and diametrically extending through the first post, the second post having a first ear extending from a first end of the second post and corresponding to the first pivot hole, a first pin extending
5 through the first pivot hole, the first ear and the first pivot seat such that the first post and the second post are pivotally connected to the first pivot seat; and

the spreading post having a second pivot hole defined in one end of the spreading post opposite to the first pivot hole and extending
10 through the spreading post, the spreading rod having a second ear extending therefrom opposite to the first ear and corresponding to the second pivot hole, a second pin extending through the second pivot seat, the second pivot hole and the second ear such that the spreading post and the spreading rod are pivotally connected to the second pivot
15 seat.

2. The auxiliary folding device as claimed in claim 1, wherein:

the first post has a hole defined therein and corresponds to the locking device;

the spreading post has a bore defined in one of the
20 spreading post opposite to the second pivot hole, the bore communicating with the hole in the first post after the spreading post spreading; and

the locking device has stub extending therefrom and selective inserted into the hole in the first post and the bore in the

spreading post to hold the spreading post and the spreading rod in place after spreading, and a resilient member mounted between the locking device and the first post to provide a restitution force to the locking device when the stub is detached from the spreading post and the first
5 post.

3. The auxiliary folding device as claimed in claim 1, wherein second post is an air cylinder and the spreading rod is used as a piston of the air cylinder.

4. The auxiliary folding device as claimed in claim 2, wherein
10 second post is an air cylinder and the spreading rod is used as a piston of the air cylinder.

5. The auxiliary folding device as claimed in claim 2, wherein the resilient member is a torsion spring.

6. The auxiliary folding device as claimed in claim 3, wherein
15 the resilient member is a torsion spring.

7. The auxiliary folding device as claimed in claim 4, wherein the resilient member is a torsion spring.